

**Project Name:** CAL FIRE Wide Area Network

**OCIO Project #:**

**Department:** CAL FIRE

**Revision Date:**

## Concept Statement

### Description

#### Brief description of the proposed project:

The CALFIRE Wide Area Network will be upgraded and extended to all CALFIRE permanent locations, as well as incident command bases that are established during significant disasters. This project increases available bandwidth to ensure critical flow of information during high departmental activity.

### Need Statement

#### High Level Functional Requirements:

- ☐ Provide an infrastructure to support electronic distribution of CAL FIRE information to all full time employees regardless of location
- ☐ Provide the infrastructure to support electronic transfer of critical public safety information to external stakeholders
- ☐ Ensure a consistent and reliable means for situational support at Incident Command Centers
- ☐ Ensure readiness to integrate into future State-wide financial accounting and budget applications

#### What is Driving This Need?

- ☐ Minimize the risk of disruption to CAL FIRE's operations that support public safety. This risk is increasing due to an aging and obsolete WAN infrastructure. Minimizing this risk will be accomplished by:
  - ☐ Providing a technology refresh to replace obsolete WAN hardware
  - ☐ Providing a robust WAN backbone to address current and future bandwidth and performance demands
- ☐ Increase public safety efficiencies, streamline business processes and support CAL FIRE's future business vision. This will be accomplished by extending the WAN footprint to all CAL FIRE locations.

#### Risk to the Organization if This Work is Not Done:

CAL FIRE will struggle to meet the communication needs of the department during critical times such as fires, floods and other disasters. Dispatching and resource ordering of key personnel and equipment will be delayed, potentially causing public safety degradation and increased costs due to increased fire activity.

## CA - PMM

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### Benefit Statement

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#### Intangible Benefits

**Process Improvements** (describe the nature of the process improvement):

☐ Increase public safety efficiencies, streamline business processes and support CAL FIRE's future business vision. This will be accomplished by extending the WAN footprint to all CAL FIRE locations.

**Other Intangible Benefits:**

#### Tangible Benefits

**Revenue Generation** (describe how revenue will be generated):

NA

**Cost Savings** (describe how cost will be reduced):

NA

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**Cost Avoidance** (describe the cost and how avoided):

NA


**Risk Avoidance** (describe the risk and how avoided):

NA

**Improved Services:**

NA

### Consistency

"No" Responses 		Rationale	Action Required
Enterprise Architecture	Yes		
Business Plan	Yes		
Strategic Plan	Yes		

### Impact to Other Entities

#### Nature of Impact to Other Entities

**Entity:**

*Describe the nature of the impact:*

NA

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### Entity:

*Describe the nature of the impact:*

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### Solution Alternatives

#### Alternative 1:

FSR on file

#### Technical Considerations for Alternative 1:

ROM Cost:

to

Note: high end of range must not exceed 200% of low end of range

#### Alternative 2:

FSR on file

#### Technical Considerations for Alternative 2:

ROM Cost:

to

Note: high end of range must not exceed 200% of low end of range

#### Alternative 3:

FSR on file

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### Technical Considerations for Alternative 3:

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ROM Cost: to

Note: high end of range must not exceed 200% of low end of range

## Recommendation

### Comparison:

Alternative 1	ROM Cost	Risk
	\$0 - \$0	
Alternative 2	ROM Cost	Risk
	\$0 - \$0	
Alternative 3	ROM Cost	Risk
	\$0 - \$0	

### Conclusions:

1	
2	
3	
4	

## CA - PMM

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**Recommendation:**

### Project Approach *(if known)*

<b>System Complexity:</b>			System Business Hours: <i>(e.g., 24x7, 9am-5pm)</i> :			
Architecture	<input type="checkbox"/> Mainframe	<input type="checkbox"/> Client Server	<input type="checkbox"/> Web Based		Num. of New Databases:	0
Technology	<input type="checkbox"/> New	<input type="checkbox"/> New to Staff			Interfaces:	
Implementation	<input type="checkbox"/> Central Site	<input checked="" type="checkbox"/> Phased Roll-out	<input checked="" type="checkbox"/> In-House Experience		Num. of Sites:	
M & O Support	<input type="checkbox"/> Data Center <input type="checkbox"/> Project <input checked="" type="checkbox"/> In House					
Procurement Approach <input type="checkbox"/> Contractor					Number of Procurements:	
Open Procurement?		Delegated Procurement?				
Scope of Contract	<input type="checkbox"/> Development <input type="checkbox"/> Implementation <input type="checkbox"/> M & O <input type="checkbox"/> Other: _____					
Anticipated Length of Contract:		_____ Years / _____ extensions for _____ years				